

ATTACHMENT J19

Randolph AFB Electric Distribution System

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J19 Randolph AFB Electric Distribution System

J19.1 Randolph AFB Overview

Randolph AFB, located 17 miles east-northeast of San Antonio in Bexar County, Texas, is an Air Education and Training Command (AETC) installation that functions primarily as a training base, command headquarters, and personnel support center. The host command is the 12th Flying Training Wing (12 FTW), which conducts pilot instructor, navigator, and advanced instrument training in a variety of aircraft. Randolph AFB also hosts a number of tenant units, including:

- HQ AETC
- HQ USAF Recruiting Services
- HQ 19th Air Force
- HQ Air Force Personnel Center
- Air Force Management Engineering Agency
- Air Force Services Agency
- Air Force Legal Services Agency and Air Force Judiciary Central Circuit
- Air Force Audit Agency
- Air Force Office of Special Investigations
- Naval Civilian Personnel Data System Center
- Defense Civilian Personnel Management Service

Randolph AFB occupies 2,894 acres and contains approximately 691 buildings.¹ Two parallel runways bound the Base to the east and west, and approximately 270 functional aircraft are assigned to the 12 ATW. Randolph AFB is surrounded by developed communities: Universal City and Converse to the north and west, and Schertz to the south and east.

The Base has a total population of approximately 19,000, including military personnel, civilian employees and support personnel, and dependents. The Base also serves nearly 20,000 retirees in the greater San Antonio area.

Randolph AFB has recently experienced an increase in personnel and expanded mission responsibilities resulting from Base Realignment and Closure (BRAC) actions. The Base's flying operation is also expected to increase as the new Joint Primary Aircraft Training System (JPATS) aircraft begin replacing the current T-37 aircraft in 1999; combined operations of both aircraft are planned for Randolph AFB through 2010.

The Base has been almost fully developed, with little available space for expansion. Key projects planned for Randolph AFB, if implemented, will increase the total square footage of buildings on Base by less than 1 percent.

¹ The nonresidential structures include offices, industrial maintenance and repair facilities, flight operations structures, and community service facilities (e.g., schools and clinic). The housing units include detached single residences, duplexes, townhouses, dormitories, Visiting Officers' Quarters (VOQs), Visiting Airmens' Quarters (VAQs), and Temporary Lodging Facilities (TLFs).

J19.2 Electric Distribution System Description

J19.2.1 Electric Distribution System Fixed Equipment Inventory

The Randolph AFB electric distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the Installation and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, transformers, circuits, protective devices, utility poles, ductbanks, meters, switches, traffic lighting systems, lighting on poles (street, parking, security, and ball field), and other ancillary fixed equipment. Lightening on poles includes the footings, pole, fixtures, sensors, and electric cable from point of demarcation defined in the Right of Way. The actual inventory of items sold will be established in the Bill of Sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the electric distribution system privatization are:

- Parking lot and security lights that are fed directly from buildings
- Airfield lighting, airfield lighting vaults and all associated equipment
- Security lights that are mounted directly on buildings.

J19.2.1.1 Description

City Public Service of San Antonio (CPS) supplies electrical power to Randolph AFB through four underground, 13.8-kilovolt (kV), three-phase distribution circuits from the CPS Randolph Field Substation. These four circuits feed the main switching station located in the north portion of the Base. This switching station feeds four other switching stations (north, south, east, and west), the Wherry Housing areas, and the clinic.

The distribution system consists of approximately 195,000 linear feet (lf) of three-phase, four-wire line rated at 15 kV. The main station feeds the substations through underground, concrete-encased ductbank feeders. The distribution feeders and branch circuits from the substations are also underground. The distribution feeders provide service to pad-mounted distribution transformers, nearly all of which are metered. Capacitor banks are installed at each of the four distribution switching stations; however, the capacitors are not necessary to maintain system voltage.

All of the Base switching stations are housed in steel buildings. The main, east, and west switching stations were constructed in the 1970s; the north and south stations were constructed in the 1980s. Many of the circuits were constructed in the 1970s, although some were replaced in the 1980s and 1990s. Construction dates for the other system component range from the 1970s to the 1990s.

There are no connections to service surrounding off-base properties. Also, on-base facilities can not presently be served by distributions systems from facilities adjacent to the base.

J19.2.1.2 Inventory

Table 1 provides a general listing of the major electric distribution system fixed assets for the Randolph AFB electric distribution system included in the sale.

TABLE 1

Fixed Inventory

Electric Distribution System, Randolph AFB

Item	Size	Quantity	Unit	Approximate Year of Construction
Substations				
South		1	EA	1985
North		1	EA	1985
East		1	EA	1975
West		1	EA	1975
North		1	EA	1985
Main		1	EA	1975
Underground Circuits				
	AWG	Length (ft)		
3ph, 4w, 15000V, in conduit	#2	14,645	LF	1995
3ph, 4w, 15000V, in conduit	#1	39,889	LF	1995
3ph, 4w, 15000V, in conduit	#500	12,315	LF	1995
3ph, 4w, 15000V, in conduit	#4/0	31,155	LF	1985
3ph, 4w, 15000V, in conduit	#500	7,850	LF	1985
3ph, 4w, 15000V, in conduit	#1	4,050	LF	1975
3ph, 4w, 15000V, in conduit	#2/0	13,225	LF	1975
3ph, 4w, 15000V, in conduit	#4/0	61,697	LF	1975
3ph, 4w, 15000V, in conduit	#500	5,450	LF	1975
3ph, 4w, 15000V, in conduit	#750	4,460	LF	1975
Transformers				
	Nom kVA	No.		
3-Phase	45	7	EA	1995
3-Phase	75	3	EA	1995
3-Phase	112.5	5	EA	1995
3-Phase	150	3	EA	1995
3-Phase	225	31	EA	1995
3-Phase	300	4	EA	1995
3-Phase	500	1	EA	1995
3-Phase	1500	1	EA	1995
3-Phase	75	24	EA	1985
3-Phase	113	13	EA	1985
3-Phase	150	3	EA	1985
3-Phase	225	1	EA	1985
3-Phase	300	13	EA	1985
3-Phase	500	9	EA	1985
3-Phase	750	2	EA	1985
3-Phase	45	3	EA	1975
3-Phase	75	15	EA	1975
3-Phase	112.5	8	EA	1975
3-Phase	150	13	EA	1975
3-Phase	225	15	EA	1975
3-Phase	300	19	EA	1975
3-Phase	500	18	EA	1975

Item	Size	Quantity	Unit	Approximate Year of Construction
3-Phase	750	2	EA	1975
3-Phase	1000	2	EA	1975
3-Phase	1500	1	EA	1975
1-Phase	15	1	EA	1995
1-Phase	25	6	EA	1995
1-Phase	37.5	3	EA	1985
1-Phase	15	1	EA	1975
1-Phase	25	3	EA	1975
1-Phase	37.5	3	EA	1975
1-Phase	50	10	EA	1975
1-Phase	75	9	EA	1975
1-Phase	100	21	EA	1975
1-Phase	250	12	EA	1975
Utility Poles	Height (ft)	No.		
	Other	290	EA	1975
Switches	Type	No.		
	3-Way	7	EA	1995
	4-Way	12	EA	1995
	3-Way	15	EA	1985
	4-Way	20	EA	1985
	3-Way	45	EA	1975
	4-Way	36	EA	1975
Vaults	Type	No.		
	Utility	164	EA	1995
	Utility	68	EA	1985
	Utility	155	EA	1975
Lighting	Type	No.		
	Street	290	EA	1975
	Pedesrian Crossing	4	Ea	1975
	Parking, Recreation and Misc. area lights	205	Ea	1975
Traffic Control Light System		1	Ea	1975
Meters		241	Ea	
Notes: ea = each ph = phase lf = linear feet				
AWG = American Wire Gauge Nom kVA = nominal kilovolt-amperes				

J19.2.2 Electric Distribution System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the sale. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2
Spare Parts
Electric Distribution System, Randolph AFB

Qty	Item	Make/Model	Description	Remarks
4	Transformer	Various Manuf.	500KVA	3 phase
2	Transformer	Various Manuf	300KVA	3 phase

Qty	Item	Make/Model	Description	Remarks
4	Transformer	Various Manuf	225KVA	3 phase
1	Transformer	Various Manuf	175KVA	3 phase
4	Transformer	Various Manuf	150KVA	3 phase
1	Transformer	Various Manuf	112.5KVA	3 phase
2	Transformer	Various Manuf	75KVA	3 phase
2	Transformer	Various Manuf	45KVA	3 phase
1	Transformer	Various Manuf	167KVA	1 phase
6	Transformer	Various Manuf	75KVA	1 phase
1	Transformer	Various Manuf	50KVA	1 phase
4	Transformer	Various Manuf	37.5KVA	1 phase
3	Transformer	Various Manuf	15KVA	1 phase
2	Pad mount switch	Cooper	15KV	3-way
2	Pad mount switch	Cooper	15KV	4-way
2800ft	Cable		15KV	
4200ft	Cable		15KV	
1800ft	Cable		15KV	
1800ft	Cable		15KV	

TABLE 3

Specialized Vehicles and Tools

Electric Distribution System, Randolph AFB

Description	Quantity	Location	Maker
No specialized vehicles and tools are included in the privatization of this utility system.			

J19.2.3 Electric Distribution System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4

Manuals, Drawings, and Records

Electric Distribution System, Randolph AFB

Qty	Item	Description	Remarks
1	CD	Utility System Drawings	Electric Distribution System
1	Manual	S&C Metal Enclosed Switchgear	
1	Manual	Allis Chalmers Switchgear	
1	Manual	Westinghouse Switchgear	
1	Manual	Brown Boveri Switchgear	
1	Manual	Cooper Transformers and Switchgear	

J19.3 Specific Service Requirements

The service requirements for the Randolph AFB electric distribution system are as defined in the Section C, *Description/Specifications/Work Statement*. The following requirements are specific to the Randolph AFB electric distribution system and are in addition to those found in Section C. If there is a conflict between requirements described below and Section C, the requirements listed below take precedence over those found in Section C.

- In accordance with paragraph C.5.1.3, *Contractor Facilities*, all new and renewal electric utility services shall be placed underground unless otherwise agreed to by both parties.
- The Contractor shall provide monthly meter reading reports IAW Paragraph J19.6, and that meet the following requirements:
 - Randolph Energy Manager—Meter books with monthly consumption and demand (if applicable) meter readings shall be kept. Meter books shall also include building and meter number. Also need total monthly consumption, rate schedule, points of contact for meter questions, procedure for converting meter reads into consumption (including multipliers) and copy of contract and changes to it.
 - Utility Resources Coordinator – Monthly voucher and/or billing statement with meter consumption and charges of each meter are needed to certify payment to DFAS-SA. A listing of all meters and building numbers is needed to consolidate consumption and charges for monthly consolidating reports to each customer. The voucher/bill should reflect meter reads, service dates, calculation of payment, multiplier, demand (kW), peak charges and any special/specific charges accrued for the month.
- The Contractor shall coordinate with the Base Civil Engineer any changes to the street lights or security lights that may affect blackout procedures during Government operations.
- The Contractor shall enter into a Memorandum of Understanding with the Randolph Air Force Base Fire Department for fire protection of all facilities included in the purchase of the utility. The Contractor shall abide by Randolph AFB fire protection requirements. The Contractor shall maintain the fire alarm system for all facilities included in the purchase of the utility. The Contractor shall permit Fire Department personnel access to their facilities to perform fire inspections and emergency response.
- IAW Paragraph C.9.8, Exercises and Crisis Situations Requiring Utility Support, the Contractor shall provide support as directed by the Randolph Air Force Base Civil Engineer Control Center for exercises and crisis situations.
- The Contractor shall provide monthly meter reading reports IAW Paragraph J19.6, and that meet the following requirements:

The Contractor shall keep meter books with monthly consumption and demand (if applicable) for each meter reading. Meter books shall also include building address or facility number, meter number, previous month readings, current month readings, multipliers for each meter, total monthly consumption, points of contact for meter questions, and procedure for converting meter reads into consumption (including multipliers). The Contractor shall coordinate with the Government to determine the format for meter books to be delivered.
- For all privatized lighting fixtures, operations and maintenance of lighting fixtures includes the purchase and replacement of the lighting element and the removal and disposal of replaced lighting element.

J19.4 Current Service Arrangement

Randolph AFB currently purchase electrical power from CPS, a municipal utility. The Air Force however, may enter into agreements in the future to purchase power from other wholesalers.

Current average electrical power usage at Randolph AFB is approximately 3.5 million kilowatt-hours (kWh) per year. The peak demand for Fiscal Year 1998 was 18 megawatts.

J19.5 Secondary Metering

The Installation may require secondary meters for internal billings of their reimbursable customers, utility usage management, and energy conservation monitoring. The Contractor shall assume full ownership and responsibility for existing and future secondary meters IAW Paragraph C.3.

J19.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings once a month for all secondary meters IAW Paragraph C.3 and J19.6 below.

TABLE 5
Existing Secondary Meters
Electric Distribution System, Randolph AFB

Building	Building Description	Meter No.
2	Outside	84-728-404
5	Flight Line(CASS)	64-567-585
5		82-229-335
11	5th St Deli	84-914-961
12		84868-745
13	CASS	85469388
20	Transformer	82-293-821
58	COMBS	
70		82-271-539
71		82-229-344
82		11-140-599
83		11-410-596
100	Basement chiller	76-539-266
100	Pad 100 AZ	82-229-330
100		82-229-348
111		82-713-525
121		82-293-820
121		
144		49-866-138
146		82-229-331
153		82-780-643
171		84-181-303
200	Clothing AHU	34-581-751
200	Class VI Cooler	84-188-944
200	Basement Main Mtr	26-335-743

Building	Building Description	Meter No.
200	Class VI	63-252-017
200	Class VI	72-617-381
200	Class VI	69-019-677
200		16-398-235
201	Old BX	26-033-156
202	Mtrs Total Use	68-385-883
202	Alterations	75-596-848
202	Cleaners	75-596-849
216		84-188-943
220		82-271-526
226		82-271-529
237		84-183-071
290	Credit E	55-295-897
*300	Cir Hsg	80-006-938
*313	NEW METER JAN99	14976809
319	Cir Hsg	76-391-665
327	Cir Hsg	76-391-658
338	Cir Hsg	76-391-645
*357	Cir Hsg	76-391-673
*372	Cir Hsg	76-391-651
385		80-088-944
393		31-053-278
394		31-052-984
394		82-229-346
395		86408154
399		80-141-758
403	Cir Hsg	76-391-692
*409	Cir Hsg	85691332
416	Cir Hsg	76-391-675
428	Cir Hsg	76-391-667
*447	Cir Hsg	76-391-647
*462	Cir Hsg	82-229-327
468		29-105-719
471	Duplex Hsg	82-229-339
499C		68-191-960
499C		68-191-945
499		82-009-154
499E		79-386-749
499E		88-040-279
500	O'Club	82-229-334
500	O'Club	82-229-347
500	O'Club	80-002-600
513	Circ Hsg (510-515)	76-391-669
*519	Circ Hsg (516-521)	76-391-668
526	Circ Hsg (522-533)	76-391-679
538	Cir Hsg (534-545)	76-391-695
*557	Cir Hsg (546-559)	76-391-659
570	Cir Hsg (560-571)	76-391-677
575	Cir Hsg	82-229-332

Building	Building Description	Meter No.
584/585	Youth Center	01-220-858
593A	Dup Hsg (587-597)	76-391-693
598	New Library	76-391-663
*603	Cir Hsg (600-605)	76-391-683
609	Cir Hsg (606-611)	76-391-689
616	Cir Hsg (616-623)	76-391-649
628	Cir Hsg (624-635)	76-391-656
*645	Cir Hsg (636-646)	76-391-648
*658	Cir Hsg (648-660)	76-391-690
663		82-271-524
676	Daedalian	76-391-660
691	Dup Hsg	76-391-661
693	Dup Hsg	76-391-674
693		82-160-090
693		76-391-646
698	Dup Hsg (Unit 3A)	62-231-381
710B	Dup Hsg (706-715)	76-391-697
726A	Dup Hsg (718-731)	76-391-696
734	Old Youth Center	18 389-812
738	Flight Simulator	64-728-358
738	Flight Simulator	64-728-361
738	Flight Simulator	01-209-628
738	Flight Simulator	01-209-593
747		85-286-019
802	Dup Hsg (800-810)	76-391-662
819	Dup Hsg (811-821)	14097901
824	Dup Hsg (822-824)	76-391-666
837	Dup Hsg (833-839)	76-391-671
845	Dup Hsg (841-845)	76-391-664
854		12-23-075
870	Bowling Alley	82-271-521
901		85-469-384
902		84-797-072
913	Dup Hsg	76-391-694
927	Dup Hsg	76-391-691
977		80-141-760
1002	Row Hsg	01-223-073
1008	Row Hsg	01-209-596
1009	MFH 8 apts cntrl ac	01-209-619
1027	West Wherry	84-033-638
1027	East Wherry	84-033-639
1038	Bextra	16-977-167
1039	New Enlisted Club	10-537-329
1040	Clinic	31-014-339
1040	X-Ray	82-201-869
1071	Shoppette	55-015-101
1072	Child Care Center	82-229-341
1073	Main BX	31-008-532
1073	BX	30-913-890

Building	Building Description	Meter No.
1073	BX Beauty Shop	58-792-073
1073	BX Barber Shop	58-892-999
1073	BX Optical Shop	58-193-934
1073	BX Flower Shop	58-193-937
1073	BX Snack Bar	58-792-107
1073	BX Watch Rpr	58-892-965
1074	Eisenhower Bank	61-292-522
1074	Eisenhower Bank xfmer	82-229-326
1075	Commissary	84-534-070
1139		60-190-013
1144	Hunt & Saddle	47-084-155
1300	GC Clubhouse	01-209-625
1300	GC Clubhouse	62-231-380
1302	Pump #1	
1302	Pump #2	
1302	Pump #3	
1350	GC Cart Barn	10-537-331
	Canyon Lake	68364
	Canyon Lake	97960
	Canyon Lake	27343
1225	Randolph HS	meter read by
4		82-229-346
6		84-010-564
6		82-271-537
6		82-229-336
12		82-271-528
13		68-385-881
13		85-469-388
16		82-271-540
22	OPS	-279
25	Tower	01-292-534
40A		80-158-997
40B		82-009-158
41		68-385-869
41		68-191-962
42		76-391-678
48		82-271-538
54		76-391-650
54		1-609-860
61A		76-391-686
61B		80-088-950
62		82-271-534
63		82-271-515
64		82-164-471
64		82-271-530
64		89-120-235
64		89-120-349
72		82-271-532
73		82-271-524

Building	Building Description	Meter No.
74		82-612-870
75		801-175-868
75		01-220-810
76		82-271-525
80		01-220-813
84		11-410-597
85		82-271-516
90		82-271-528
102		82-229-331
110		80-088-946
112		
120		76-347-246
120		82-271-519
148		80-088-948
161		80-088-945
205		49-291-835
208		68-385-883
224		82-271-533
230		68-383-384
230		68-488-366
241		01-385-878
241		68-385-870
241		01-223-074
241		68-385-838
379		80-088-947
381		763-391-652
390		81-367-492
491		01-223-072
546		62-232-127
581		80-141-759
581		82-271-518
592		84-729-405
661		82-229-343
661		16-240-089
671		82-293-822
675A		76-391-670
740		68-385-880
740		68-385-877
740		68-385-879
860		82-164-471
861		78-948-024
861		70-390-313
862		78-948-019
862		70-336-542
863		78-948-020
863		70-390-314
875		84-585-149
891		82-271-536
892		70-390-315

Building	Building Description	Meter No.
892		76-391-680
900		76-391-657
903		01-311-685
905A		76-391-685
905B		76-391-654
905C		29-015-314
907		13-819-796
959		76-391-687
975		82-271-517
975		76-391-688
983		84-551-602
990		78-923-392
991		13-300-593
991		84-785-546
1043		82-229-345
1047		82-229-333
1051		80-175-874
1072		76-397-831
1143		93-446-843
1151		93-241-192

J19.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in **Table 6**. New secondary meters shall be installed IAW Paragraph C.13, Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3 and J19.6 below.

TABLE 6

New Secondary Meters

Electric Distribution System, Randolph AFB

Meter Location	Meter Description
B 220 Post Office	Electric Meter
B 220 Defense Printing	Electric Meter
B 663 Naval Personnel	Electric Meter
B 663 Defense Personnel	Electric Meter
B 499 Barber Shop	Electric Meter
Vending Machines	Electric Meter
B 1301, 130	Electric Meter
B1139, B 1125, 112	Electric Meter
B 895	Electric Meter
Hunt and Saddle Club Area	Electric Meter
Various Circuits for Street, Parking, Ramp and Recreation areas fed from a transformer.	

J19.6 Submittals

The Contractor shall provide the Government submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to:

Name:

Address:

Phone number:

2. Outage Report. The Contractor's monthly outage report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall include the following information for Scheduled and Unscheduled outages:

Scheduled: Requestor, date, time, duration, facilities affected, feedback provided during outage, outage notification form number, and digging clearance number.

Unscheduled: Include date, time and duration, facilities affected, response time after notification, completion times, feedback provided at time of outage, specific item failure, probability of future failure, long term fix, and emergency digging clearance number.

Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to:

Name: Randolph Energy Manager

Address:

Phone number:

3. Meter Reading Report. The monthly meter reading report shall show the current and previous month readings for all secondary meters. The Contractor's monthly meter reading report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Meter reading reports shall be submitted by the 15th of each month for the previous month. Meter reading reports shall be submitted to:

Name: Randolph Energy Manager

Address:

Phone number:

4. System Efficiency Report. If required by Paragraph C.3, the Contractor shall submit a system efficiency report in a format proposed by the Contractor and accepted by the Contracting Officer. The Contracting Officer will determine the frequency of the report based on Government requirements. System efficiency reports shall be submitted to:

Name: Randolph Energy Manager:

Address:

Phone number:

J19.7 Energy Saving Projects

IAW Paragraph C.3, Requirement, the following projects have been implemented on the distribution system by the Government for energy conservation purposes.

- Housing air conditioner controllers and HVAC maintenance internal to buildings
- Thermal storage system and variable volume pumping for B 991 central air conditioning plant

J19.8 Service Area

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the Randolph AFB boundaries.

J19.9 Off-Installation Sites

No off-installation sites are included in the sale of the Randolph AFB electrical distribution system.

J19.10 Specific Transition Requirements

IAW Paragraph C.13, Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7
Service Connections and Disconnections
Electric Distribution System, Randolph AFB

Location	Description
South west side of the base in the vicinity of building 54	Randolph AFB has a new Control Tower scheduled for construction during the Jul 2000 - Jul 2001 time frame. This project will require connections to all appropriate utility systems. However; the Contractor who is constructing the new tower has the responsibility to make these connections. The Utility Privatization Contractor will be required to provide project support such as temporary outages, so the connections can be accomplished.

J19.11 Government Recognized System Deficiencies

Table 8 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Randolph AFB electric distribution system. If the electric distribution system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements Capital upgrade projects shall be proposed through the Capital Upgrades and Renewal and Replacement Plan process and will be recovered through Schedule L-3. Renewal and Replacement projects will be recovered through Sub-CLIN AB.

TABLE 8
System Deficiencies
Electric Distribution System, Randolph AFB

Project Identifier/Location	Project Description
THMX961016	Repair/Replace Main Switching Station, B/1027 A/B
THMX961017	Repair Switching Station East and West